1. Properties of exponents
   1. Mult/divide/power
   2. Negative
   3. Rational
      1. Numerator=power
      2. Denominator=root
      3. Factor to simplify
2. Polynomials
   1. Add/subt
   2. Mult
   3. Divide
      1. Long div
      2. Synth div
   4. Max/min
      1. Graphing
   5. End behavior
      1. Graphing
      2. Degree/leading coefficient
3. Factoring
   1. Perfect squares/cubes
   2. Graphing
   3. Roots-number
      1. X-intercept – real
      2. Exponents – all
   4. Roots-value
      1. X-intercepts
      2. Factors=0
4. Right triangles
   1. Finding sides
      1. Pythag thm
      2. SOH-CAH-TOA
   2. Finding angles
      1. Inverse trig
5. Probability
   1. Number of ways an event can occur
      1. Without repetition – power
      2. With repetition – factorial
   2. Ways a particular event can occur/Ways any event can occur
      1. Counting
      2. Area
6. Exponential growth & decay
   1. b=base – the part raised to a power
   2. Growth – b>1:
      1. P(1+r)t
         1. No compounding
      2. P(1+r/n)nt
         1. Compounding
   3. Decay – b<1
      1. P(1-r)t
         1. No compounding